

TITLE

PRODUCTION OF NANOPARTICLES HAVING A DEFINED NUMBER
OF LIGANDS

ABSTRACT

5 A rapid method for the separation of nanoparticles having as few as
one ligand attached thereto has been developed. The method relies on
the size exclusion separation of a population of nanoparticle-ligand
complexes having a narrow uniform size distribution. Ligands are typically
10 biopolymers, functionalized to bind to other nanoparticles for the
construction of geometric nanostructures.

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SNF/dmm